## INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001598

·A.	CLASSIFICATION OF SUBJECT MATTER							
Int. Cl. 7;	G01N 21/64, 33/52							
According to International Patent Classification (IPC) or to both national classification and IPC								
B.								
Minimum documentation searched (classification system followed by classification symbols)								
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched								
WPIDS, ME	base consulted during the international search (name of da DLINE, CA; KEYWORDS: FRET, BRET, RE FECTION, TAGS, FLUORESCENT NANOCR	SONANCE ENERGY TRANSFER, MU	LTPLE,					
C.	DOCUMENTS CONSIDERED TO BE RELEVANT							
Category*	Category* Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.					
	WO 1998/048048 A (CAMBRIDGE UNIVER 29 October 1998	RISITY TECHNICAL SERVICES LTD)						
Х	Abstract, figure 2, claims		1-7, 9-13, 16, 18-20					
Ý			8, 14, 15, 17, 21-23, 37-45					
· X	LIU J. et al, "FRET study of a trifluorophore- J. Am. Chem. Soc. (2002) Vol 124 p15208-1: Abstract, p15209 column 1 line 13 -column 2	5216	1-13, 16, 18-					
Y	Whole document	20 14, 15, 17, 21- 23, 37-45						
X F	urther documents are listed in the continuation of	of Box C X See patent family an	nex					
* Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory								
"E" earlier application or patent but published on or after the "X" document of particular relevance; the claimed invention cannot be considered novel international filing date or cannot be considered to involve an inventive step when the document is taken alone								
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art								
or other "P" documen	it published prior to the international filing date	ument member of the same patent family						
	al completion of the international search	Date of mailing of the international search report	0 (4) 2005					
12 January 2			O JAN 2005					
	ng address of the ISA/AU	Authorized officer						
PO BOX 200, \	PATENT OFFICE VODEN ACT 2606, AUSTRALIA pct@ipaustralia.gov.au (02) 6285 3929	ROSS OSBORNE Telephone No: (02) 6283 2404						
		\-\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \						

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001598

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to
0 ,		claim No.
	CA 2301633 A (OTOGENE BIOTECHNOLOGISCHE FORSCHUNGS-UND	
	ENTWICKLUNGS GMBH) 11 March 1999	
X	Claims	24-36
Y	Whole document, in particular examples	8, 14, 15, 17 21-23, 37-45
	TING A. et al, "Genetically encoded fluorescent reporters of protein tyrosine kinase activities in living cells" Proc. Natl. Acad. Sci. USA. (2001) Dec 18, Vol 98, No.26 p15003-8.	
X	Methods Section	24-36
Y	Whole document	8, 14, 15, 17 21-23, 37-45
	RAMIREZ-CARROZZI V. et al, "Dynamics of Fos-Jun-NFAT1 complexes"	24-36
Х	Proc. Natl. Acad. Sci. USA. (2001) April 24, Vol 98, p 4893-4898  Material and Methods section	8, 14, 15, 17
Y	Whole document	21-23, 37-45
	BERTRAND L. et al, "The BRET <sup>2</sup> /ARRESTIN assay in stable recombinant cells: A platform to screen for compounds that interact with G protein-coupled receptors (GPCRS)", J. Recept. Signal Transduct. Res. (2002) Vol 22(1-4) p533-41.	24.26
X	Whole document	24-36
Y	Whole document	8, 14, 15, 17 21-23, 37-45
	SONG X. et al, "Detection of multivalent interactions through two tiered energy transfer" Anal. Biochem. (2001) Vol 291 p133-141	
Y	Whole document	8, 14, 15, 17 21-45
	KLOSTERMEIER D. et al, "A three-fluorophore FRET assay for high-throughput screening of small molecule inhibitors of ribosome assembly" Nucleic Acids Research (2004) Vol 32 No 9 p2707-2715	
P, X	Whole document	1-21
•	WO 2004/029579 A (AMERSHAM BIOSENSORS CORP) 8 April 2004	
P, A	Whole document	
P, A	US 6177249 B1 (KWOK) et al) 23 January 2001 Whole document	
T) A	KROEGER K. et al, "Study of G-protein-coupled receptor-protein interactions by bioluminescence resonance energy transfer" Methods in Molecular Biology, (2004) Vol 259, p 323-233, Receptor Signal Transduction Protocols, 2 <sup>nd</sup> Ed	
P, A	Whole document	

## **INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/AU2004/001598

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

	t Document Cited in Search Report			Pate	nt Family Member		
wo	9848048	AU	70641/98				
CA	2301633	AU	94375/98	DE	19737562	EP	1007969
		WO	9912033				
US	6177249	AU	18210/97	CA	2240667	EP	0868534
		${\rm I\!L}$	124967	US	5945283	WO	9722719
WO	2004029579		NONE				

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX